

**25 Aug 2010**

**GRIP (FLL-JSC-DFRC) 14Z Daily Telecon / Webinar**

**Participants**

*FLL Team* – Jeff Halverson, Michael Goodman, John Molinari, Scott Braun, Aaron Bansemer, Steve Durden, Michael Kavaya, Luke Ziemba, Seyed Ismail, Paul Bui

*Telecon*

Tim Miller, Gerry Heymsfield, Bjorn Lambrigtsen, Steve Cole, Shannon Brown, Lori Schultz, Gary Wick, Ed Zipser, Robbie Hood, Svetla Hristova-Veleva

**Global Hawk Report**

- **Aircraft – green**
  - Thursday – Low altitude drop test in Range
  - Saturday – possible science flight
- **Dropsonde – red**
  - 1<sup>st</sup> sonde launch good; 2<sup>nd</sup> sonde did not launch because pin release in launch tube stuck (perhaps vacuum pressure against the pin) – might need a redesign of a solenoid. Low altitude test was at 15K ft
  - Engineers understand the cause of the error but still working on the fix
  - Re-fly of Low Altitude test flight is tbd
  - COA to drop in the Gulf and Atlantic is approved. Can still drop sondes in Pacific in international waters but seeking COA for Pacific in US territories
- **HAMSR – green**. Interested in validation data with drops or radiosondes
- **LIP - green**
- **HIWRAP – yellow**
  - but can still fly; HIWRAP pulled from Global Hawk today for work. Software / hardware (bad board or connector) problem?

**WB-57 Report**

- **Aircraft – green**
- **HIRAD - green**
  - HIRAD shipped on Tuesday
  - Chris Ruf will call in on Thursday
  - Arrival at JSC on Thursday
  - Checkout flight (3hr) on Friday
    - Calm waters over a buoy at different altitudes
    - Fly precipitation
- NAST-I delayed until next week.
  - NAST-I will not be onboard for the test Friday flight. The piggybacking ground rules for NAST-I are such that it will not impact HIRAD. No separate test flights will be done for NAST-I.
- WB-57 suitcase flights will be out of MacDill AFB, Tampa FL

## DC8 Report

- Aircraft – green.
  - Network issues during the 24Aug flight have been resolved
  - Hard Down day on Thursday
- LASE – green.
- LARGE – green.
- APR2 – green.
- DAWN – yellow.
  - Successfully collected data during the 24Aug flight but the wind retrievals are still being analyzed and processed
- Microphysics – green
  - PIP failed during 24Aug flight. Pulled off for repair should return by Friday for suitcase to STX
  - CSI cannot fly for the duration of GRIP
- MMS – green.
- Dropsonde – green.

## Science

- Possibility of a suitcase flight from STX beginning this weekend. Possibly PGI-34 or its followers
- Possibility of a GH science flight on Saturday (6a local / 13Z departure) to H. Frank in the EPac. If we wait until Sunday then H. Frank may be weakened. HAMSR would like to fly near a rawinsonde site for validation purposes.